

FOMINA, P.I.; GLANTS, R.M.

Dynamic prothrombin test in infectious diseases in puerperium. Akush.
gin., Moskva No.1:58-60 Jan-Feb 52. (GLML 21:4)

1. Docent for Fomina and Candidate Medical Sciences for Glants.
2. Of the Obstetric-Gynecological Clinic (Head--Prof. D.Ye. Shmundak)
of Khar'kov Medical Institute and of the Donor Department of the
Ukrainian Scientific-Research Institute for Blood Transfusion (Director
Prof. A.L. Slobodskoy).

GLANTS, R.M.

Mechanism of hemostatic function of the blood. Vop. fiziol. no. 5:
52-59 '52. (MIRA 8:2)

1. Ukrainskiy nauchno-issledovatel'skiy institut perelivaniya
krovi. Khar'kovskaya oblastnaya stantsiya perelivaniya krovi.
(HEMOSTASIS, physiology)

GLANTS, R. M.

USSR/Medicine - Blood Transfusion

Jul/Aug 53

"Data on the Role of the Cerebral Cortex in the Pathogenesis of Reactions Occurring as a Result of Transfusion of Blood of Another Type," Prof A. L. Slobodskoiy, Sr Sci Assoc R. M. Glants, M. P. Brusnitsyna, V. P. Verbitskiy, Ukr Sci-Res Inst of Blood Transfusion; Ukr Inst for the Advanced Training of Physicians

Vest Khirurg, Vol 73, No 4, pp 9-13

Attributes severe post-transfusion reactions produced by blood of another type to changes in the dynamics of cortical processes. Assumes that
272T23

a lessening of such reactions is closely connected with reinforcement of protective inhibitions of the cerebral cortex. Advocates the preliminary use of medicinal therapeutic sleep or intravenous injections of sodium bromide to allay, or even prevent, such reactions.

GLANTS, R.M.

"The Effect of Blood Transfusion on the Functional Conditions of the Thyroid Gland"
p. 92, in the book Experience in the Use of Radioactive Isotopes in Medicine
R. Ye. KAVETSKIY and I.T. SHEVCHENKO, published by the Gosmedizdat Publishing
House of the UKRAINIAN SSR, KIEV 1955, represents medical transactions of a
conference held in KIEV from 18-20 January 1954.

So: 1100235

GIANTS, R.M., starshiy nauchnyy sotrudnik.

Studying the mechanism of the action of transfused blood on the basis
of the cortico-visceral reflex theory. Vop.peral.krovi 4:7-18 '55.
(BLOOD--TRANSFUSION) (MLRA 9:12)
(CEREBRAL CORTEX)

GIANTS, R.M., starshiy nauchnyy sotrudnik

Controlling the therapeutic effects of transfused blood. Vop.perep.
krovi 4:51-57 '55. (MLRA 9:12)

(BLOOD--TRANSFUSION)

GLANTS, R.M.

USSR/Human and Animal Physiology Blood.

Abs Jour: Izv Zhur-Biol., No 3, 1958, 363-366.

Author : Glants, R.M., Weinstein, S.A., Lekarav, S.A.

Inst :

Title : Prothrombin Determination in Blood Taken From the Finger.

Orig Pub: V.Sb. Vopr. pereliyeniya krovi, T.4. Kiev, Gosmediznat USSR, 1955, 270-273.

Abstract: 0.6 ml of blood is taken from a finger and placed in a centrifuge tube containing 0.06 ml of 0.1 N solution of sodium oxalate and is centrifuged for a period of 10 min. 0.1 ml of thromboplastin sol., 0.1 ml of 0.25-0.1M sol. of CaCl_2 and 0.1 ml of plasma is placed in a Vidal tube, maintained in a water bath at 37°C. The time of the appearance of the clot is noted. The value

Cari : 1/2

USSR/Human and Animal Physiology. Blood.

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Abs Jour: Ref Zhur-Biel., No 8, 1958, 36336.

of prothrombin is expressed in seconds (prothrombin time). The thromboplastin material used is either a preparation of rabbit brain (method of Evtymashov or Fernal vaccine). Prothrombin time as determined in 115 donors and 41 patients from finger blood was on the average 2.5-3.3 sec. lower than in determinations from venous blood.

Card : 2/2

EXCERPTA MEDICA Soc.3 Vol.12/5 Endocrinology April 58

851. THE EXPERIMENTAL BASIS FOR HAEMOTHERAPY AS A PATHOGENETIC METHOD OF TREATMENT OF ENDOCRINE DISEASES (Russian text) - Glants R. M., Ukrainian Inst. of Blood Transf. and Emergency Surg., Kharkov - PROBL. GEMATOL. I PEREL. KROVI 1956, 1/3 (42-45)
The transfusion of blood is regularly accompanied by a change in the functional state of the hypophysis, thyroid gland, and cortical and medullary parts of the adrenals. Haemotherapy may be considered as one of the elements of the pathogenetic treatment of endocrine diseases. In this case it must be carried out not as a single transfusion but repeatedly. The final verdict on the value of blood transfusion, in conjunction with specific hormone therapy, as a method of treatment of endocrine diseases awaits further investigation.
Krymskil - Moscow (S)

ROZENGAUZ, D.Ye., dots., GLANTS, R.M., starshiy nauchnyy sotrudnik

Dynamic prothrombin test in certain diseases of the ear, nose, and throat
Vest.oto.-rin. 20 no.4:103 J1-Ag '58 (MIRA 11:7)

1. Iz kafedry bolezney ukha, gorla i nosa (zav. - prof. A.M. Natanson)
Khar'kovskogo meditsinskogo instituta i eksperimental'nogo otdela
(rukovoditel' - starshiy nauchnyy sotrudnik R.M. Glants) Ukrainskogo
nauchno-issledovatel'skogo instituta perelivaniya krovi i neotlozhnoy
khirurgii.
(PROTHROMBIN)

GLANTS, R.M.

Effect of isohemotransfusion and of Belen'kii's serum on adrenalinlike substances in the heart in rabbits. Biul. eksp. biol. i med. 46 no.12: 45-48 D '58.
(MIRA 12:1)

1. Iz eksperimental'nogo otdela (rukovoditel' - starshiy nauchnyy sotrudnik R. M. Glants) Ukrainskogo nauchno-issledovatel'skogo instituta perelivaniya krovi (dir. - starshiy nauchnyy sotrudnik Yu. M. Orlenko) Khar'kov. Predstavlena devyatiel'nykh chlenom AMN SSSR V. N. Chernigovskim.

(MYOCARDIUM, metab.

arterenol, eff. of Belenki serum & isohemotransfusion in rabbits (Rus))

(ARTERNOL, metab.

heart, eff. of iso-transfusion & Belenki serum in rabbits (Rus))

(BLOOD TRANSFUSION, exper.

eff. of iso-hemotransfusion on heart arterenol in rabbits (Rus))

(PLASMA SUBSTITUTES, effects,

Belenki serum on heart arterenol in rabbits (Rus))

GIANTS, R.M.

Some indications of the automatic effect of homologous blood transfusion on functional conditions of the nervous system. Biol. eksp. biol. i med. 47 no.4:46-49 Apr '59.
(MIRA 12:7)

1. Iz eksperimental'nogo otdela (rukovoditel' - kand. med. nauk, starshiy nauchnyy sotrudnik R.M. Giants) Ukrainского nauchno-issledovatel'skogo instituta perelivaniya krovi (dir. - starshiy nauchnyy sotrudnik Yu. M. Orlenko) Khar'kov. Predstavlena deystvitel'nyy chlenom AMN SSSR V. N. Chernigovskim.

(BLOOD TRANSFUSION, effects
on sympathetic NS (rus))

(SYMPATHETIC NERVOUS SYSTEM, physiol.
eff. of blood transfusion (rus))

GLANTS, R. M., Doc Med Sci -- (diss) "Nerve and endocrine regulation factors in the mechanism of action of various types of hemotherapy. (Experimental clinical research)." Khar'kov, 1960. 29 pp; (Khar'kov State Medical Inst); 250 copies; price not given; bibliography at end of text (31 entries); (KL, 50-60, 139)

GLANTS, R.M. (Khar'kov)

Some data on the role of the adrenal cortex in the pathogenesis
of pathological transfusion reactions. Pat. fiziol. i eksp. terap.
4 no. 5:13-16 S-O '60. (MIRA 13:12)

1. Iz fiziologicheskoy laboratorii Ukrainskogo nauchno-issledovatel'-
skogo instituta perelivaniya krovi.
(ADRENAL CORTEX) (BLOOD TRANSFUSION)

GLANTS, R.M.

Effect of the transfusion of polyglucin on the noradrenalin content
of the rabbit heart. Probl. gemat. i perel. krovi 5 no.2:35-38 F
'60. (MIRA 14:5)

1. Iz fiziologicheskoy laboratorii (rukovoditel' R.M.Glants)
Ukrainskogo nauchno-issledovatel'skogo instituta perelivaniya
krovi i neotlozhnoy khirurgii (dir. - dotsent Yu.M.Orlenko).
(DEXTRAN) (HEART) (ADRENALINE)

GLANTS, R.M., starshiy nauchnyy sotrudnik; DUBROVIN, V.L., mladshiy
nauchnyy sotrudnik

Influence of isohemotransfusion on the posterior lobe of the hypophysis.
Vrach. delo no.10:63-65 O '60. (MIRA 13:11)

1. Eksperimental'nyy otdel (rukovoditel' - starshiy nauchnyy
sotrudnik R.M.Glants) Ukrainskogo nauchno-issledovatel'skogo instituta
perelivaniya krovi i neotlozhnoy khirurgii.
(BLOOD--TRANSFUSION)
(PITUITARY BODY)

GLANTS, R.M.

Effect of isohemotransfusion on the metabolism of adrenergic substances in the brain and effector organs. Biul. eksp. biol. i med. 49 no.2: 77-80 F '60. (MIRA 14:5)

1. Iz fiziologicheskoy laboratorii (rukovoditel' -- kandidat meditsinskikh nauk R.M.Glants) Ukrainskogo nauchno-issledovatel'skogo instituta perelivaniya krovi (dir. -- starshiy nauchnyy sotrudnik Yu.M.Orlenko). Predstavlena deystvitel'nyy chlenom AMN SSSR V.N. Chernigovskim.

(BLOOD--TRANSFUSION)

(SYMPATHOMIMETICS)

GLANTS, R.M., kand.med.nauk; DUBROVIN, V.L., mladshiy nauchnyy sotrudnik
(Khar'kov)

Influence of isohemotransfusion on the function of the internal
secretory area of the pancreas. Probl.endok.i gorm. 7 no.4:
96-101 '61. (MIRA 14:8)

1. Iz fiziologicheskoy laboratorii (rukovoditel' - kand.med.nauk
R.M. Glants) Ukrainskogo nauchno-issledovatel'skogo instituta
perelivaniya krovi i neotlozhnoy khirurgii (dir. - kand.med.
nauk Yu.M. Orlenko).
(PANCREAS) (BLOOD--TRANSFUSION)

GLANTS, R.M.

Nervous and endocrine factors of regulation in the mechanism of stimulating action of various types of hemotherapy. Probl. gemat.i perel.krovi no.5:33-40 '61. (MIRA 14:6)

1. Iz fiziologicheskoy laboratorii (zav. - R.M. Glants) Ukrain-skogo nauchno-issledovatel'skogo instituta perelivaniya krovi (dir. L.A. Ripyakh).
(BLOOD--TRANSFUSION) (ENDOCRINE GLANDS) (NERVOUS SYSTEM)

DUBROVIN, V.L.; GLANTS, R.M. (Khar'kov)

Effect of transfusion of heterogenic blood on the function of
the endocrine portion of the pancreas. Pat. fiziol. i eksp.
terap. 6 no.1:86-87 Ja-F '62. (MIRA 15:3)

1. Iz fiziologicheskoy laboratorii (rukovoditel' - dektor
meditsinskikh nauk R.M. Glants) Ukrainского instituta perelivaniya
krovi i neotlozhnoy khirurgii (dir. - kand.med.nauk L.A.
Ripyakh).

(PANCREAS—SECRETION) (BLOOD—TRANSFUSION)

LESHCHENKO, G.D., prof.; GLANTS, R.M., prof.; GOICHAROV, V.D. (Khar'kov)

Interrelations between the thyroid gland and the adrenal cortex in patients with lesions in the central nervous system; on the problem of neurosomatic unity. Vrach. delo no.7:3-9 JI'63.

(MIRA 16:10)

1. Kafedra nervnykh bolezney (zav. - prof. G.D.Leshcherko) Khar'kovskogo meditsinskogo instituta i fiziologicheskaya laboratoriya (rukovoditel' - prof. R.M.Glants) Ukrainskogo nauchno-issledovatel'skogo instituta perelivaniya krovi i neotlozhnoy terapii.

(ADRENAL CORTEX) (THYROID GLAND)
(DIENTEPHALON--DISEASES)

GLANTS, R.M., prof.; PANCHENKO, N.I.; PASTERNAK, M.G.

Effect of isohemotransfusion on the content of sulfhydryl groups
in some animal organs and tissues. Probl. gemat. i perel. krovi
8 no.11:41-44 N '63. (MIRA 17:12)

1. Iz fiziologicheskoy laboratorii (zav. prof. R.M. Glants) i
biofiziko-khimicheskoy laboratorii (zav. N.I. Panchenko)
Ukrainskogo instituta perelivaniya krovi i neotlozhnoy khirurgii
(direktor L.A. Ripyakh).

GRANTS, P.M.; KLIMKOV, N.A.; PETRENKO, V.M.

Changes in the quantity of reticulocytes in the peripheral blood
under the effect of a brief hypoxia as a method for evaluating
the functional state of bone marrow. Gemat. i perel. krov' 1:175-
179 '65. (MIRA 18:10)

1 Khar'kovskiy institut perelivaniya krov'.

GIANTS, P.M.

Effect of isohemotransfusion on the functional state of the adrenal cortex in surgical patients. Int. Urol. i eksp. terap. 9 no.5:79-80 S-G 1973. (NRP 1:1)

1. Fiziologicheskaya laboratoriya (ukroveditel' - prof. R.V. Giants) Ukrainskogo nauchno-issledovatel'skogo instituta pere-
livaniya krovi i neotlennoy khimii, Kiev, Submitted April 22, 1974.

GLANTS, Yu.A., inzh.; FINGER, L.M., inzh.; NIKOGOSOV, S.M., kand. tekhn. nauk (Leningrad); MEDVEDSKIY, N.I., inzh. (Leningrad); VOLOTSKOY, N.V., kand. tekhn. nauk; BESSMERTNYI, I.S., kand. tekhn. nauk (Moskva); VORONTSOV, F.F., kand. tekhn. nauk (Moskva).

Urgent problems relative to the theory of urban power networks.

Elektrichestvo no.12:73-78 D '56.

(MIRA 11:3)

1. Khar'kovskoye otdeleniy Teploelektroproyekt (for Glants).
 2. Gi-prokommunenergo (for Finger).
 3. Lengiprogor (for Medvedskiy).
 4. Lanproyekt (for Volotskoy).
- (Electric networks) (Electric power distribution)

22-11110 105-7-10/29

AUTHOR SLANTS Yu.A., Eng.

TITLE Using Load Distribution Diagrams for Calculating Urban Networks.
(Primeneniye grafikov raspredeleniya nagruzki dlya rascheta gorodskikh setey.- Russian)

PERIODICAL Elektrichestvo 1957, Nr 7, pp 45-50 (U.S.S.R.)

ABSTRACT The method given here for the construction of load distribution diagrams facilitates technical-economic calculations. The idea as such originates from V.P. KHASHCHINSKIY (1936, "Canalization of Electric Energies", KUBUCH, Leningrad). At first a radial line is investigated, in which the loads are distributed lengthwise. The step like diagram is replaced by an equivalent one: once by a rectangle having the length of the line as a basis, the other by one with the entire load as height. The relative values of the equivalent load and the equivalent distance are equal to one another. In 1952 KHRUSHCHEV introduced the coefficient α

$$P_{\text{equi}}^* = L_{\text{equi}}^* \cdot \alpha$$
which can be changed from 0 to 1. In an analogous manner the distribution of the rectangle

CARD 1/2

Using Load Distribution Diagrams for Calculating Urban Networks. 104-7-20/29

of loads can be dealt with, but in this case coefficient β is introduced. Next, the application of this method to a load along a ring line is shown. For this purpose two diagrams are coupled. Feeding of the line takes place first in one and then in an inverse direction. For those cases in which a double line is used, calculation is more complicated.
(With 4 Illustrations, 1 Table and 2 Elastic Reference)

ASSOCIATION: Branch of the TEPLONELEKTROPROYEKT at Khar'kov.
(This is the same as Odeleniye Teploelektroproyektov, Khar'kov)
PRESENTED BY: -
SUBMITTED: 12.10.1956
AVAILABLE: Library of Congress.

CARD 2/2

GIANTS, Yu.A., (Pharlov)

One modification of the water circuit is shown in the diagram:
network. Electrical circuit no. 111944-111945.

(XIPA 18-1)

GLANZ. A.

The present and the future of industrial television. p. 407.

SDELOVACI TECHNIKA. (Ministerstvo strojirenstvi) Praha, Czechoslovakia,
Vol 7. no. 11, Nov. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1,
Jan. 1960.

Uncl.

S/031/62/000/017/022/102
B166/B180

AUTHORS: Nachman, M., Glanz, G., Ribco, L.

TITLE: Oxidation of silver induced by nuclear radiation

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 17, 1962, 66, abstract 179451 (Rev. phys. Acad. RPR, 1961, v. 6, no. 3, 1961, 403-409 [Eng.])

TEXT: The process studied was the oxidation of Ag foil and wire by gaseous O_2 under radiation from a reactor. The weight increase of the specimens was measured and photomicrographs of the surface were studied. It was found that, at $50^\circ C$, when only a monomolecular layer of oxide forms on the surface in the absence of irradiation, Ag oxidation does take place with radiation, and moreover, the oxidation rate apparently increases with the dose. The oxidation is induced by the action of γ -pile radiation which gives rise to the formation of negative ions O^- and O_2^- in the O_2 , which oxidize the Ag. [Abstracter's note: Complete translation.]

Card 1/1

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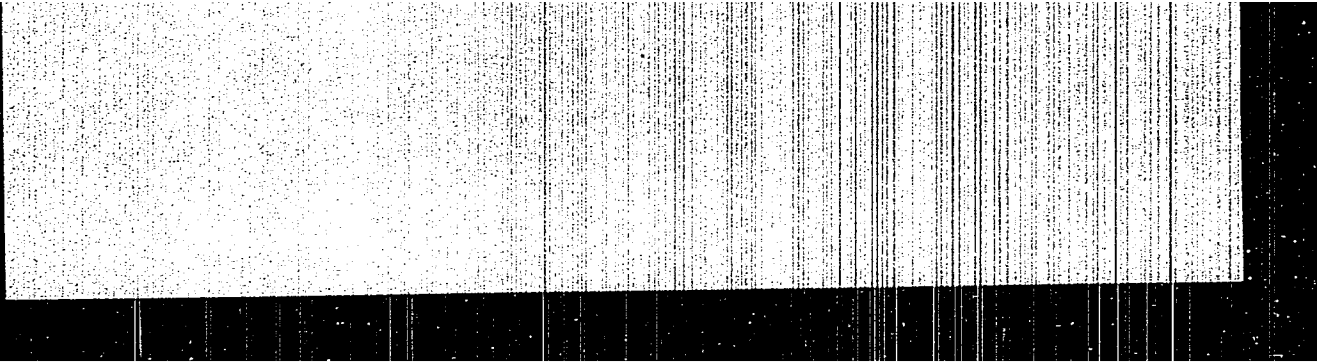
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APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500010010-4"

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

1. *Explain the importance of the following factors in the development of a country's economy:*
 a. *Human Resources*
 b. *Capital Resources*
 c. *Technology*
 d. *Government Policy*
 e. *Infrastructure*
 f. *Trade and Investment*
 g. *Education and Health*
 h. *Environmental Sustainability*
 i. *Political Stability*
 j. *Globalization*

[illegible]

P/044/50/003/004/006/012

AUTHOR: Glapski, M., Major, Master of Engineering

TITLE: Testing²⁶ Methods in Aerodynamic Research¹

PERIODICAL: Wojskowy Przegląd Lotniczy, 1960, Vol 8 No 4 pp 52 52

TEXT: Aerodynamic test methods are described. After a general introduction, a rotation tester of 3.5 m radius and circumferential speed of 100 m/sec (Diagram 1) used at the CAGI, Central Aerodynamic Research Institute in the USSR, is described. Description of wind tunnels for subsonic and supersonic speeds is given and their functions graphically shown (Diagrams 2 and 3). Aerodynamic balances are described, the principle of a triple balance shown (Diagram 4) and the calculation method given. The "Three Moments Method" is explained and shown (Diagram 5). Definition of balance precision, sensitivity and stability is given. Strain gauges working on the principles of electric capacity (Diagram 6), electric induction (Diagram 7) and electric resistance (Diagram 8) are described and ways of their arrangement at tests in wind tunnels explained (Diagrams 9, 10 and 11). There are 11 diagrams.

✓

Card 1/1

P/044/61/000/006/002/004
0001/D101

AUTHOR: Glapski, M., Major, Master of Engineering

TITLE: Boundary layer control

PERIODICAL: Wojskowy przegląd lotniczy, no. 6, 1961, 25-34

TEXT: The instructive article is a general account of the theory of boundary layers and the means of boundary layer control. Formation of the boundary layer is explained and the means of control listed, which are: slots, fences, vortex generators, slotted and double-slotted flaps, suction slots and blowing slots. There are 12 figures and 3 Soviet-bloc references: 2 Soviet and 1 Polish. ✓

Card 1/1

IGLITSYN, M. I.; VORONKOVA, G. I.; VORONKOV, V. V.; GLARIOSOVA, R. I.; SOLOVYEVA, E. V.;
SUSHKOV, V. P.; UKHROVA, E. S.

"The investigation of the recombination processes in single crystals of
Si, Ge."

report submitted for Intl Conf on Physics of Semiconductors, Paris, 19-24
Jul 64.

State Sci Res Inst of Rare metals, Moscow

GLAZIOZOV, G., Kater-Med

Author of article, "Mikolaj Delon Kater-Med," a description of the organization, and name of the organization, a description. (The author is the of a time-mounted paper and accompanied the article.) Pravda Zvezda, Moscow, 21 Sep 57

SO: SER 201, 2 Dec 1957

GLARIOZOV, Ye.L., inzh.

Designing a transistor amplified for reading the storage on a
magnetic drum. Priborostroenie no.4:4-6 Ap '65.

(MIRA 18:5)

Card 1/3

L 61662-65

ACCESSION NR: AP5011139

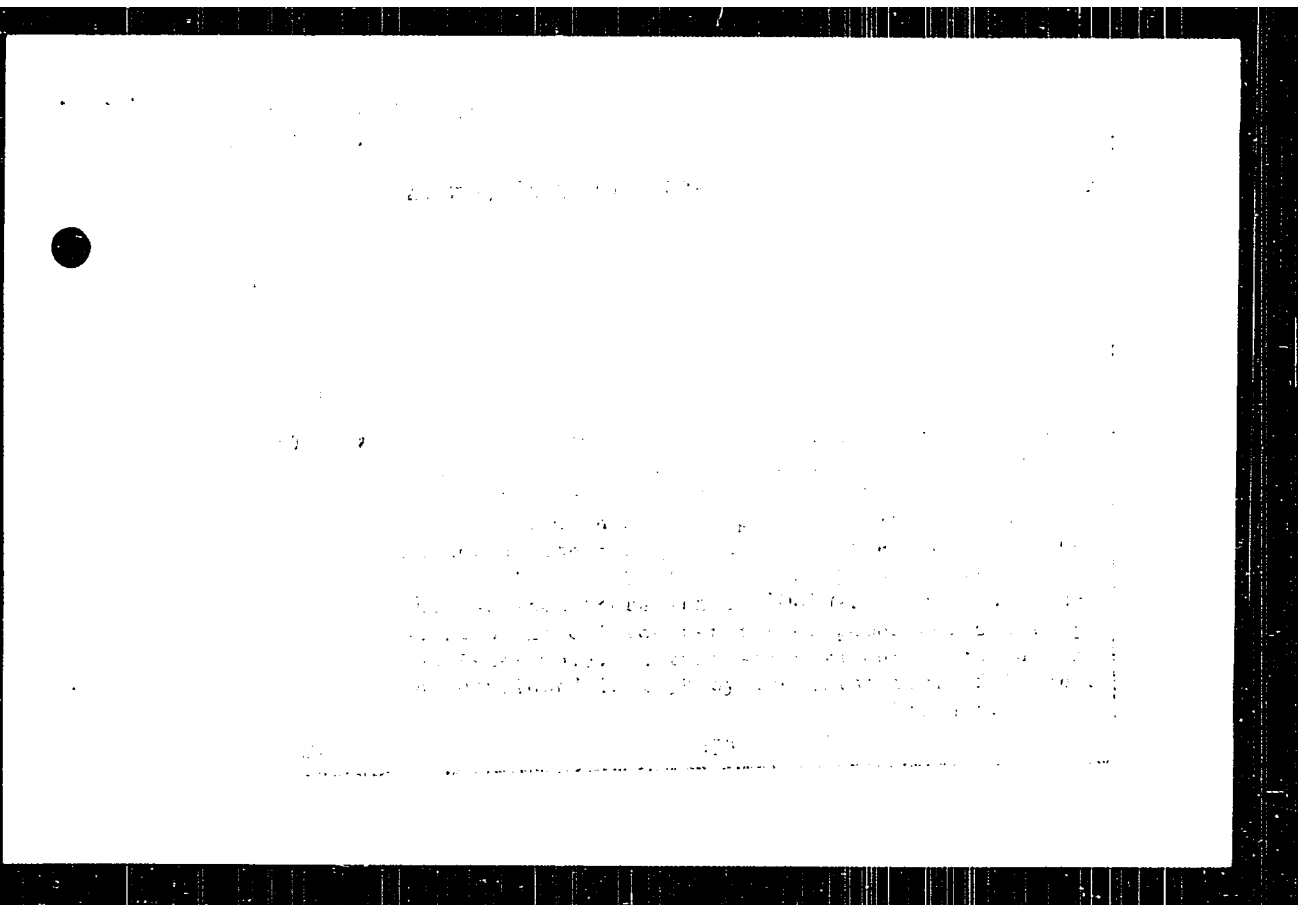
The ruby temperature could be varied from -10 to -1500 using liquid air. In this case the wave length of the laser emission varied from 604.0 to 603.1 nm. The light beam from the laser was

100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041-1042-1043-1044-1045-1046-1047-1048-1049-1050-1051-1052-1053-1054-1055-1056-1057-1058-1059-1060-1061-1062-1063-1064-1065-1066-1067-1068-1069-1070-1071-1072-1073-1074-1075-1076-1077-1078-1079-1080-1081-1082-1083-1084-1085-1086-1087-1088-1089-1090-1091-1092-1093-1094-1095-1096-1097-1098

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[illegible]



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ACC NR: AP6022173

clock mechanism. The acetylene-gas light is substituted automatically in case the electric bulb burns out, and it is of equal power. Equipment is inspected monthly, but acetylene-gas reserves are sufficient for two months' continuous operation. The lantern is air-heated in fall and winter. The heat is switched on automatically half an hour before the light goes on. [DR]

SUB CODE: 17/ SUBM DATE: none/

Card 2/2 *LC*

GLASER, D. A.

PHASE I BOOK EXPLORATION

807/5982

International Conference on High-Energy Physics. 9th, Kiev, 1959.

Dovydova Mezhdunarodnaya konferentsiya po fizike vysokikh energii, Kiev 15-25 iyulya 1959 g. (Ninth International Conference on High-Energy Physics. Kiev, July 15-25, 1959), Moscow, 1961. 739 p. 2,500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Mezhdunarodnyy Soyuz chistoy i prikladnoy fiziki.

Contributors not mentioned.

PURPOSE: This book is intended for nuclear physicists.

COVERAGE: The collection contains 30 scientific articles presented at the 9th International Conference on High-Energy Physics, held in Kiev from 15 to 25 July 1959. The articles presented relate mainly to the progress in nuclear physics achieved in 1959. Subjects discussed are the production of

Card 1/0 3

Fifth International Conference (Cont.)

SGW/5982

nucleons, their structure, weak and strong interactions, scattering, and their decay. No personalities are mentioned. References accompany individual articles.

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Iernardini, G. Photoproduction of π -Mesons and Compton Effect on Nucleons	11
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Ninth International Conference (Cont.)

SCW/5982

Discussion 546

Whiteman, A. S. Inhomogeneous Wave Equation in Local
Relativistic Quantum Field Theory 547

Discussion 550

Résumé of Reports Presented for the "New Theoretical
Ideas" Session 551

Discussion 600

Glaser, D. A. Decay of Strange Particles 607

Discussion 625

Marshall, R. I. Modern State of the Weak Interactions Theory 627

Card 7/8

GLASER, G.

Increasing the productivity of metalcutting machines. p. 19.

TEKHNA PROMISHLEENOST. (Ministerstvo na teshkata promishlenost, Sofia, Bulgaria.
Vol. 8, no. 6, June 1959).

Monthly List of East European Accessions BCAL, IC, Vol. 9, No. 2, Feb. 1960.

UNCL

GLASER, Josip dr., (Zagreb-Vrapce)

Problem of hospitalization of mentally sick with tuberculosis.
Tuberkuloza, Beogr. 7 no.5-6:372 Sept-Dec55

1. Prim. dr.

(MENTAL DISORDERS, compl.
tuberc., pulm., problem of hospitalisation in Yugosl.
(Ser))

(TUBERCULOSIS, PULMONARY, compl.
ment. disord., problem of hospitalisation in Yugosl.
(Ser))

GLASER, J.

Problem of schizophrenia in the light of nosology.
Neuropsihijatrija 4 no.3-4:226-241 1956.

1. Iz Bolnice za zivcane i dusevne bolesti Vrapce-Zagreb
(Ravnatelj: Prim. Dr. J. Glaser).
(SCHIZOPHRENIA,
nosology (Ser))

CA

22

Analysis of typical Polish crude oils with particular reference to the oily portions contained therein. (Reprints Glass, No. 4, 1934, 1948). Samples of 8 crude oils from refinery storage tanks were distilled to obtain 2 distillates boiling up to 180° at atm. pressure and 180° to 215° at 21 mm. Hg. press. The distn. residue was analyzed by a modified method of Polak et al. 26, 1426 to det. oil content, resins, and soft and hard asphaltenes. Finally, the oil was dewaxed with naphtha or with acetone benzene solution. Complete data on the properties of each crude oil and the properties and yields of its products after each of the above steps are summarized in Table C. (Microfilm).

James A. McGee

A 10 114 METALLURGICAL LITERATURE CLASSIFICATION

Removing corrosive sulfur compounds from gasolines
 Roman Glaser and Janina Kurojeska. *Nachr.* 3, 372 (1949).--Treatment with NaOH soln. and then with hypochlorite soln. did not completely remove elemental S from gasoline contg. 0.123% total S (H_2S 0.005, mercaptans 0.034, elementary S 0.015, disulfides 0.025, sulfides 0.029, thiophenes, etc., 0.025%). With hypochlorite used in slight excess, the gasoline gave a pos. Cu strip test, while with a slightly reduced amt. of hypochlorite it passed the Cu strip test but not the doctor test. A similar sample was completely sweetened by washing with H_2O to remove H_2S , then countercurrently extd. in a tower with aq. NaOH in the ratio between 1:2 and 1:5. The soln. and CH_3OH in the ratio between 1:2 and 1:5. The treated gasoline contained 0.0055% mercaptans one day after treatment, but only traces after a month's storage. The spent aq. mixt. of NaOH and CH_3OH can be regenerated in 3 stages.
 Bruno C. Metzger.

1454

685 52 002 6 546 22 68 05

Glaser R., Zielinski H. Sulphur Compounds in Crude Oil and its Products.

„Związki siarkowe w ropie naftowej i jej produktach” (Prace GI Inst. Naft.), Katowice, 1951, PWT, 20 pp., 24 figs.

Sulphur compounds, present in petroleum distillates, are undesirable owing to their corrosive action which lowers the octane number of motor fuels etc. Experiments into the removal of mercaptanes from light distillates by means of continuous method, in counter-flow using aqueous sodium hydroxide and methanol, are described. It is stated that there is a certain optimal flow rate of gasoline at which the best extraction results are obtained. This rate depends mostly on the height and diameter of the column and on the size of packing rings.

GLASER, R

11(4)

PHASE I BOOK EXPLOITATION

POL/2407

Wojnar, J., Professor, Engineer; Wł. Chajec, Master in Science; Br. Fleszar, Master in Engineering; R. Glaser, Master in Engineering; J. J. Głogoczowski, Doctor, Docent; H. Górka, Engineer, Docent; B. Manasterski, Doctor, Engineer; F. Mitura, Docent, Master in Science; St. Niementowski, Docent, Engineer; J. Ostaszewski, Docent, Engineer; St. Suknarowski, Doctor, Professor; L. Tomasziewicz, Engineer; and A. Waliduda, Docent, Engineer

Dwaście lat pracy Instytutu Naftowego, 1945 - 1956 (Twelve Years Work of the Petroleum Institute, 1945 - 1956) Katowice, WG-H, 1957. 130 p. Errata slip inserted. 1,555 copies printed.

Tech. Ed.: S. Miszto.

PURPOSE: This book is intended to introduce readers to the development and activities of the (Polish) Petroleum Institute from 1945 to 1956.

COVERAGE: The book describes the organizational structure and activities of the Petroleum Institute since its foundation in
Card 1/3

Twelve Years Work (Cont.)

POL/2407

Krosno in 1945. It includes photos of buildings, laboratories, equipment, and personnel of the Institute, and gives the names of the scientists. A bibliography of publications of the Institute is included. The Institute cooperates with scientific institutes of 16 foreign countries.

TABLE OF CONTENTS:

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Twelve Years Work (Cont.)

POL/2407

. Documentation and Libraries

111

. Opinions on the Studies of the Petroleum Institute

124

AVAILABLE: Library of Congress

TM/jb
10-21-59

Card 3/3

GLASER, Tadeusz

The problem of virus diseases in orchards. Postepy nauk roln 8 no.6:
81-90 '61.

(Fruit culture)

ZAMECKI, Karol; GLASER, Tadeusz; GLEBOZINSKI, Edward.

Influence of environment factors on the development and health of chestnut trees. Prace nauk rolniczych 17 no.1:47-55 '64.

1. Department of Phytopathology, College of Agriculture, Poznan.

GLASER, VLADIMIR

Kovarijantna kvantna elektrodinamika. Zagreb, Jugoslavenska akademija
znanosti i umjetnosti, 1955. 175 p. /Covariant quantum electrodynamics.
bibl.7

SOURCE: East European Accessions List (SEAL), Library of Congress,
Vol. 5, No. 12, December 1956.

YUGOSLAVIA/Electricity - Conductors

G-4

Abs Jour : Ref Zhur - Fizika, No 12, 1958, No 27902

Author : Glaser V., Jaksic B.

Inst : Faculty of Sciences, Zagreb, Yugoslavia

Title : On the Methods of Solution of the Bloch Integral Equations
at Low Temperatures.

Orig Pub : Glasnik mat.-fiz., i astron., 1957, 12, No 4, 257-267

Abstract : The Bloch integral equation can be obtained from certain variational principles (Kohler M.Z. Physik 1948, 124, 772; 1949, 125, 679). If one expands at low temperatures the variational expression in a series in powers of the temperature and one retains only the first term, then the Euler equation of the variational problem gives a certain differential equation, which replaces the Bloch equation. All the quantities entering into this equation are taken on the Fermi surface. The formula of this equation is obtained for these Fermi surfaces, on which the ratio of the speed of the electron to the speed of sound is greater than unity. If this deviation

Card : 1/2

CZECHOSLOVAKIA

GLASER, V; ROUSAR, I

Department of Inorganic Chemistry, Institute of
Chemical Technology, Prague - (for both)

Prague, Collection of Czechoslovak Chemical Communi-
cations, No 5, May 1966, pp 2137-2143

"Calculation of the rate of a half-order reaction
proceeding in pores of a catalyst."

CHOLAKOV, Iv., inzh.; GLASERMAN, IA.

Some urgent problems in the field of the economic efficiency of capital investments in mining, ore dressing, and nonferrous metallurgy. Min delo 17 no.4:17-21 Ap '62.

1. Gl. inzhener pri Upravlenie "Tsvetna metalurgii i rudodobiv" i chlen na Redaktsionnata kolegiia, "Minno delo i metalurgii" (for Cholakov). 2. N-k na planoviiia otde1 pri Upravlenie "Tsvetna metalurgii i rudodobiv" (for Glaserman).

GLASHCHINSKAYA-BABENKO, L. V.

PA 22/4/1963

USSR/Medicine - Ticks
Medicine - Taxonomy

Mar 49

"Chaetotaxy of the Body of the Larvae of the Tick
Ixodidae and Its Taxonomic Importance," L. V.
Glashchinskaya-Babenko, Inst of Malaria, Med
Parasitol and Helminthol, Min of Health USSR, 4 pp

"Dok Ak Nauk SSSR" Vol LXV, No 2

States preliminary conclusions of chaetological
study of the larvae of 14 forms of ticks belonging
to six species of the Ixodidae family. Submitted
by Acad K. I. Skryabin, 20 Jan 49.

39/49163

СЛАВЯНСКАЯ БАШНЯ, 4.4.

USSR/Zooparasitology - Tics and Insects (Disease Transmitters) P-3

Abs Jour : Referat Zhur - Biologii, No 16, 1957, 76174

Author : Gushchinskaya-Pubankova, L.M.
Title : Ticks Ixodes Eshi, As a Representative of Narrowwing
Tics-Ixodidae.

Orig Pub : Materialy k poznaniyu fauny i flory SSSR, Otdel. zoolog.
1956, vyp. 34(42), 21-165

Abstract : First, there is a detailed morphology of larvae, nymphs,
male and female tics. I. lividus parasite of a river-bank
swallow. A comparative analysis of ontogenetic signs is
given, and the degree of the individual change is given.
On the basis of biological observations in nature, con-
ducted in Moscow, Ryazan and Kaluzh regions, and on labor-
atory experiments, the life scheme of the species is
deciphered. The species lives under cover, in the nest
of the bank swallow; it is uncommon for it to leave the
nest. I. lividus is monophagous. In the laboratory,

Card 1/3

- 22 -

USSR/Zooparasitology - Tics and Insects (Disease Transmitters) P-3

KUDRYAVTSEV, P. I., kand. filosofskikh nauk; GLASHKIN, Yu. I., starshiy
prepodavatel'

Creative contribution of the 21st Congress of the CPSU to the
development of Marxist-Lenin's theory. [Trudy] GIDUV no.23:5-28
'60. (MIRA 15:7)

(COMMUNISM)

TARIVERDIYEV, A.D., inzhener; GLASHINA, R.P., inzhener.

The engineering requirements must be revised. Avt.dor.17 no.2:30
S-O '54. (MIRA 8:4)
(Road materials)

NAZIROV, M.R.; GLASHKINA, T.P.; TUAYEV, S.M.

Treatment of taeniarhynchosis with atabrin. Med. paraz. i paraz. bol.
no.4:305-306 O-D '54. (MIRA 8:2)

1. Iz kafedry malyarii i meditsinskoy parazitologii Instituta
usovershenstvovaniya vrachey i Instituta malyarii i meditsinskoy
parazitologii Ministerstva zdravookhraneniya Azerbaydzhanskoy SSR.

(QUINACRINE, therapeutic use,
tapeworm infect.)

(TAPEWORM INFECTION, therapy,
quinacrine)

NAZIROV, M.R.; professor; GLASHKINA, T.P.; TUAYEV, S.M.

Acrichine and oxygen therapy in treatment of patients with helminth infections. Sov.med. no.3:70-71 Mr '55. (MLRA 8:5)

1. Iz kafedry malyarii i meditsinskoy parazitologii Instituta usovershenstvovaniya vrachey i Instituta malyarii i meditsinskoy parazitologii (dir. -prof. M.R.Nazirov) Ministerstva zdravookhraneniya Azerbaydzhanskoy SSR.

(HELMINTH INFECTIONS, ther.,
oxygen & quinacrine)

(OXYGEN, ther. use,
helminth infect., with quinacrine)

(QUINACRINE, ther. use,
helminth infect., with oxygen)

NAZIROV, M.R.; GLASHKEINA, T.P.

Effectiveness of the newest anthelmintic drugs. Azerb. med. zhur.
no. 1:3-9 Ja '61. (MIRA 14:2)

(ANTHELMINTICS)

GLASHKINA, T.P.

Metabolism in ankylostomiasis. Report No.2: Carbohydrate
metabolism. Azerb. med. zhur. no.9:40-44 S '61. (MIRA 14:9)

1. Iz kafedry malyarii i medparazitologii (zaveduyushchiy -
zasluzhennyy deyatel' nauki, prof. M.A.Hazirov) Azerbaydzhanskogo
instituta usovershenstvovaniya vrachey (direktor - prof. A.M.Aliyev):
(CARBOHYDRATE METABOLISM) (HOOKWORM DISEASE)

NAGIROV, M.K., zasluzhennyy deyatel' nauki, prof., GIASHEKHA, T.P.,
kand. med. nauk

Current concepts of helminthiasis and its prevention. Azerb.
med. zhur. 41 no.3:77-82. Mr '64. (MEEA 17:20)

1. Iz kafedry meditsinskoy parazitologii i tropicheskoy
meditsiny (nav. - prof. M.K. Nagirov) Azerbaydzhanskogo
instituta usovershenstvovaniya vrachey imeni A. Aliyeva
(rektor - kand. med. nauk B.M. Agayev).

A. GREGG, FIVE

trial aspects of experimentalism at the present stage. Azerb.
1964. zhur. 41 no.5:16-23. 164. (MIRA 18:10)

GLASIONOV, YA. M.

25927 Glasionov, Ya. M. K voprosu patogeneza i lecheniya likvornykh
svishey na pochve ognestrel'nykh cherepnomozygovykh raneniy. V.
sb: problemy vosstanvit. lecheniya invalidov Otechestv. voyny.
Astrakhan', 1948, s. 44-51

SO: Letopis' Zhurnal Statey, No. 30, Moscow, 1948

GLASIONCV, YA. M.

33544

Professor Vasiliy Mikhavlevich Bal'. (Khirurg. D 60-Letiyu So Inya Rozhdeniya).
Khirurgiya, 1949, No 10 c. 74-75, S Portr

SO: Letopis' Zhurnal'nykh Statey, Vol 45, Moskva, 1949

GLASIONOV, Ya.M.

Intrahepatic localization of the gall bladder. Khirurgiia no.12:
116-117 '61. (MIRA 15:11)

1. Iz khirurgicheskogo otdeleniya (zav. Ya.M. Glasionov) Novokuybyshevskoy gorodskoy bol'nitsy Kuybyshevskoy oblasti (glavnyy vrach I.V. Shaviro).

(GALL BLADDER--ABNORMALITIES AND DEFORMITIES)
(LIVER)

GLASIONOVA, T.M., ROMANOVA, A.M.

Investigating the doffing process on carding machine. Izv.vys.
ucheb.zav.; tekhn.tekst.prom. no.3:57-65 '60. (MIRA 13:7)

1. Leningradskiy tekstil'nyy institut im. S.M. Kirova.
(Carding machines)

GLASIONOVA, T.M.; TRUYEVTSSEV, N.I.

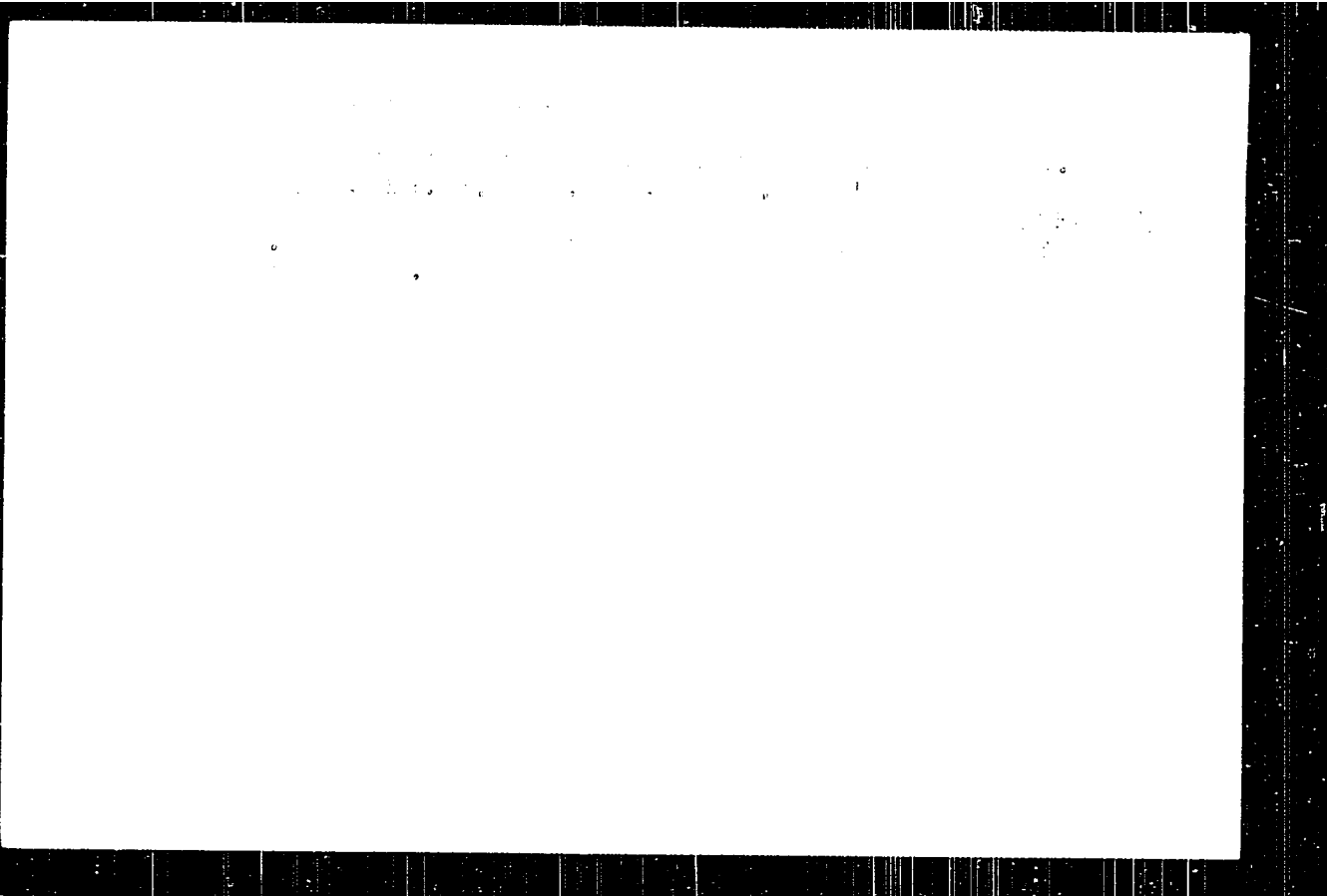
Forces acting upon yarn fibers during breakage. Izv. vys.
ucheb. zav.; tekhn. tekst. prom. no.4:17-21 '63.

(MIRA 16:11)

1. Leningradskiy tekstil'nyy institut imeni S.M. Kirova.

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500010010-4



APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500010010-4"

GIASKO, A.S.

Using the simplest planimeter in measuring areas of
fusibility diagrams of silicate systems. Silikaty no.2:
99-105 '59. (MIRA 13:6)

(Planimeter)

GLASKO, A.S., starshiy prepodavatel'

Hatchet planimeter developed by Pritz. Trudy MIMESKH 8:85-99 '59.
(MIRA 13:9)

(Planimeter)

GLASKO, A.S., starshiy prepodavatel'.

Simple device for measuring the area of graphs in dynamometric
testing of agricultural machinery. Its design, theory, and use.
Trudy MIMESKH 9:74-113 '59. (MIRA 13:11)
(Agricultural machinery--Testing)
(Dynamometer)

7

GLASKO, A. S.

Cand Tech Sci - (diss) "Analysis of a most simple instrument for measuring the areas of diagrams of dynamometrization of agricultural machines and the determination of the preciseness of instructions for the instrument as a function of operating factors." Moscow, 1961. 16 pp with diagrams; (Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev); 200 copies; price not given; (KL, 6-elsup, 215)

GLASKO, M. M.

AID P - 4853

Subject : USSR/Engineering

Card 1/1 Pub. 103 - 13/26

Author : Glasko, M. M.

Title : Modernization of the drilling machine

Periodical : Stan. 1 Instr., 2, 34-35, F 1956

Abstract : Certain additions to a vertical drilling machine were made at the author's suggestion at the "Kaliber" plant in Moscow. The alterations made it possible to thread a hole after drilling by the same machine, thus replacing manual tap-boring in the absence of a special screw-threading machine in the shop. The alterations and handling of the rebuilt unit are described and illustrated. Three drawings.

Institution : As above

Submitted : No date

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Card 74/80

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5(4)
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TITLE: On the Theory of Chemical Adsorption on Metals (X teorii khimicheskoy adsorbtsii na metallakh)
PERIODICAL: Vestnik Moskovskogo universiteta, Seriya matematiki, mekhaniki, astronomii, fiziki, khimii, 1958, Nr 5, pp 91 - 104 (USSR)
ABSTRACT: In § 1 the following questions are asked : a.) What kind of variations in the energetic spectrum of a system are connected with the process of chemical adsorption ? b.) What kind of effects arise by the possible appearance of a surface charge ? The authors try to give a qualitative answer on these questions. § 2 contains the foundations of the investigation essentially published by Bonch-Bruyevich [Ref 7 - 10] . § 3 Deals with the investigation of the influence of the structure defects on the electronic spectrum of the metal. All metals are divided into two classes with respect to the given adsorbate (and equally all the atoms of the adsorbate with respect to the given metal). In one of them the adsorption is accompanied by the formation of local levels, so that the metal does not differ from a semiconductor in this sense. In the second class there takes place no

On the Theory of Chemical Adsorption on Metals

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formation of levels, the chemically adsorbed material is on the surface in the form of relatively weakly bound ions. § 4 Contains the approximative data, obtained by means of the computing machine Strela, on the local levels of atoms similar to hydrogen which are in the metal. The qualitative results of § 3 are confirmed. The authors thank F.F. Vol'kenshteyn, G.Z. Roginskiy and A.N. Tikhonov for the interest in the present paper.

There are 18 references, 12 of which are Soviet, 3 American, 2 German, and 1 English.

ASSOCIATION: Kafedra poluprovodnikov i kafedra matematiki dlya fizicheskogo fakul'teta (Chair of Semiconductors and Chair of Mathematics of the Physics Department)

SUBMITTED: June 24, 1958

Card 2/2

24 (5)

AUTHORS

Glasko, V. B., Leryust, F.,
Terletskiy, Ya. P., Shushurin, S. F.

SOV/56 35-2 20/60

TITLE

Investigation of Particle-Like Solutions of a
Nonlinear Scalar Field Equation (Issledovaniye
chastitsepodobnykh resheniy nelineynogo uravneniya
skalyarnogo polya)

PERIODICAL

Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1958,
Vol 35, Nr 2, pp 452-457 (USSR)

ABSTRACT

For the investigation of possibilities offered by the
nonlinear field theory of elementary particles (Refs 1 - 9)
an investigation of the particle-like solution (Ref 1) of the
simplest nonlinear equation of the scalar complex field is
of especial importance. Thus it is e. g. possible to find
a qualitative solution of the problem of the existence
and character of the mass spectrum. The authors proceed
from the Lagrangian for a complex scalar field

$$\alpha = - \nabla \psi^* \nabla \psi + \frac{\partial \psi^*}{\partial x_0} \frac{\partial \psi}{\partial x_0} - m^2 \left[\psi^* \psi + F(\psi^* \psi) \right]$$

Card 1/3

Investigation of Particle Like Solutions of a
Nonlinear Scalar Field Equation

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($x_0 = ct$, $F(v)$ - a determined nonlinear function, m - a
parameter with the dimension of a reciprocal length)
with the field equations

$$\nabla^2 \Psi - \partial^2 \Psi / \partial x_0^2 - m^2 \left[1 + F(\Psi^* \Psi) \right] \Psi = 0;$$

$$\nabla^2 \Psi^* - \partial^2 \Psi^* / \partial x_0^2 - m^2 \left[1 + F(\Psi^* \Psi) \right] \Psi^* = 0$$

where $F'(v) = dF(v)/dv$

E and Q are then written down as functions of Ψ , Ψ^* and
introduced:

$$\Psi = u(r) e^{iEx_0}, \quad \Psi^* = u(r) e^{-iEx_0}$$

(E - parameter, proportional to a frequency), and E and Q
are given as functions of u and r . With $F(v) = -\lambda v^2/2$, $\eta = \sqrt{\lambda m} u$

and $\varrho = r \sqrt{m^2 - E^2}$. η and ϱ are introduced and with their
aid the first three particle-like solutions are derived
(See also figures 1 to 3). The relevant mass spectrum is
obtained by numerical integration for the simplest cubic
term. Under favorable physical conditions a finite spectrum

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